



MODEL: AG-TRONIC 10K / 20K

- ✓ User Friendly LCD Indicator
- ✓ N + X Parallel Redundancy
- ✓ DSP Technology Guarantees High Performance
- ✓ Wide Input Range (110V-300V)
- ✓ Output Power Factor 0.8
- ✓ Programmable Power Management Outlets
- ✓ ECO Mode Function for Energy Saving
- ✓ Emergency Power Off (EPO) Function
- ✓ 3-Stage Extendable Charging Design for Optimized Battery Performance
- ✓ Sealed Lead Acid Maintenance Free Battery
- ✓ Comes with USB Port, RS232 Port, SNMP Slot and Power Management Software



Model		AG-Tronic 10K	AG-Tronic 20K
Phase		3 phase in / 1 phase out	
Capacity		10kVA / 8kW	20kVA / 16kW
INPUT			
Voltage range	Low Line Transfer	176 Vac (Phase Voltage) @ 100% Load 110Vac (Phase Voltage) @ 50% Load	
	Low Line Comeback	186 Vac (Phase Voltage) @ 100% Load 120Vac (Phase Voltage) @ 50% Load	
	High Line Transfer	300Vac (Phase Voltage)	
	High Line Comeback	290Vac (Phase Voltage)	
Frequency Range		46-54Hz / 56-64Hz	
Power Factor		≥ 0.99 @ 100% Load	
OUTPUT			
AC Voltage Regulation (Batt. Mode)		± 1%	
Freq. Range (Synchronized Range)		46-54Hz / 56-64Hz	
Freq. Range (Batt. Mode)		50 Hz ± 0.1 Hz / 60 Hz ± 0.1 Hz	
Current Crest Ratio		3 : 1	
Harmonic Distortion		≤ 2 % THD (Linear Load) ≤ 6 % THD (Non-Linear Load)	
Transfer Time	AC Mode to Batt. Mode	Zero	
	Inverter to Bypass	Zero	
Waveform (Batt. Mode)		Pure Sine Wave	
EFFICIENCY			
AC Mode		90%	
Battery Mode		88%	
BATTERY			
Standard Model	Battery Type	12 V / 9 Ah	12 V / 9 Ah
	Numbers	20	20 x 2
	Typical Recharge Time	9 hours - recover to 90% capacity	
	Charging Current (Max.)	1A	2A
	Charging Voltage	273.0 Vdc	
Long-Run Model	Battery Type	Depending on Application	
	Numbers	18-20	
	Charging Current (Max.)	4A	8A
	Charging Voltage	273.0 Vdc	
GENERAL			
Standard Model	Dimensions, D x W x H	592 x 250 x 576 mm	862 x 250 x 826 mm
	Net Weight	86 Kg	139 Kg
Long-Run Model	Dimensions, D x W x H	592 x 250 x 576 mm	592 x 250 x 576 mm
	Net Weight	30 Kg	37 Kg
Humidity		20-90 % RH @ 0-40°C (Non-Condensing)	
Noise Level		≤ 58dB @ 1m	≤ 60dB @ 1m
INDICATORS		ALARMS	
LCD Display:	UPS Status	Battery Mode	Audible Sound Every 4 s
	Load Level	Low battery	Audible Sound Every 1 s
	Battery level	Overload	Audible Sound Every ½ s
	Input/Output Voltage	Fault	Continuous Audible Sound
	Discharge Time		
	Fault Conditions		
SOFTWARE - COMMUNICATIONS			
Smart RS-232	Windows 98/2000/2003/2008/XP/Vista/, Windows 7, Linux & MAC		
USB			
Optional SNMP			

! Due to continuing development and improvements, specifications are subject to change without prior notice !
The manufacturer / distributor shall not be liable for any accidents or injuries caused by inappropriate or incorrect use of this test equipment.